

at least one plug sensor in the inner pipe, the at least one plug sensor containing at least one measuring element for determining the at least one parameter of the flowing medium; and

an element for reducing a whirl formation in the flowing medium, the element being situated in an area of the inlet opening of the inner pipe.

7. (New) The device according to claim 6, further comprising a barrel ring at least partially securing the inner pipe in the duct, the barrel ring having an inner incident-flow edge about at the same axial length as an outer incident-flow edge of the inner pipe, forming the element for reducing the whirl formation.

8. (New) The device according to claim 7, wherein the duct has a flow straightener at about the same axial length of the inlet opening.

9. (New) The device according to claim 8, wherein the barrel ring is coupled to the flow straightener.

10. (New) The device according to claim 6, wherein the inner pipe has a diverting screen in an area of the inlet opening.

11. (New) The device according to claim 6, wherein the at least one parameter includes a volume flow rate.

12. (New) The device according to claim 6, wherein the medium flowing in the duct is intake air of an internal combustion engine.

Remarks

This Preliminary Amendment cancels without prejudice claims 1-5 in the underlying PCT Application No. PCT/DE01/02669, and adds without prejudice new claims 6- 12 . The new claims conform the claims to U.S. Patent and Trademark Office rules and do not add new matter to the application.